



Battery Unit

Model: ME-GSE-B5K

Flexible Expansion

- Flexibly matched with battery units ranging from 5-15 kWh per BMS module
- Modular design, maximum battery capacity of 90kwh per system (by working with power guardian)

Effortless Installation

- Stackable wire-free battery design
- 0.13m² compact size for one person installation
- Ultra-fast configuration in under 10 minutes

Adaptive Design

- -20 ~ 55°C working temperature
- 100% of rated power at altitudes up to 4000m
- IP65 waterproof rating for both indoor and outdoor



Technical Parameter

Model	5kWh	10kWh	15kWh
Performance			
BMS Module	ME-GSE-BMS15K		
Number of BMS module	1		
Batter module	ME-GSE-B5K		
Battery module capacity	5kWh		
Number of battery modules	1	2	3
System Energy	5kWh	10kWh	15kWh
Battery usable capacity	4.5kWh	9kWh	13.5kWh
Max. Output power	5kW	10kW	15kW
Nominal voltage (single-phase system)	450 V		
Operating voltage range (single-phase system)	450 ~ 550 V		
Nominal voltage (three-phase system)	650 V		
Operating voltage range (three-phase system)	650 ~900 V		
General Data			
Display	SOC status indicator, LED indicator		
Communication	RS485		
Weight (Floor stand toolkit included)	72	122	172
BMS module dimension (W × H × D mm)	588 × 195 × 184		
BMS module weight (kg)	22		
Battery module dimensions (W × H × D mm)	588 × 442 × 184	588 x 884 x 184	588 x 1326 x 184
Battery module weight (kg)	50		
Installation	Floor stand		
Operating Temperature Range (°C)	-20 ~ +55		
Max. Operating Altitude (m)	4000		
Environment	Outdoor / indoor		
Permissible Ambient Humidity	5 ~ 95%		
Cooling Method	Nature Convection		
IP rating	IP65		
Cell technology	Lithium-iron phosphate (LiFePO4)		
Compatible inverters	ME-GSE-S3.6K / ME-GSE-S4.6K / ME-GSE-S5K / ME-GSE-T10K / ME-GSE-T15K		
Cycle Life	25+2°C,0.5C/0.5C,EOL70%≥6000		
Certificates	CE , IEC62619 , UN38.3		
Available for ordering	ME-GSE-B5K , ME-GSE-BMS15K		